

# UNEB UACE GEOGRAPHY 2017

## PAPER 1

### PHYSICAL

### SECTION A

**Question 1 and 2 are compulsory.**

#### COMPULSORY MAPWORK QUESTION

1. Study the 1: 50,000 EAST AFRICA (UGANDA) NAAM OKORA Map extract part to Sheet 16/2, Series Y732, Edition 4, 1 – USD and answer the questions that follow:
  - a) State the Grid – reference of the:
    - i) Borehole (BH), North – East of Onyala hills.
    - ii) Culvert on river Lumaluk.
  - b) i) Describe the drainage pattern of River Pager and its tributaries.  
ii) Account for the drainage pattern identified in (b) (i) above.
  - c) Reduce the area shown on the map extract between Easting 28 and 42 and Northing 60 and 74 by 50%. Draw its sketch map and on it mark and label:
    - i) Onyala hill
    - ii) River Pager and its tributaries,
    - iii) seasonal swamps,
    - iv) any one dam,
    - v) major communication lines,
    - vi) one area with nucleated settlement.
  - d) Explain the relationship between:
    - i) relief and transport,
    - ii) transport and settlements.

#### 2. COMPULSORY PHOTOGRAPH INTERPRETATION QUESTION:

Study the photograph provided below and answer the questions that follow:

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- a) Draw a landscape sketch and on it mark and name:
  - i) two physiographic regions
  - ii) any four land-use types.
- b) Describe the relationship between relief and land-use types in the area shown on the photograph.
- c) Giving reasons, explain any three sources of energy that are being used by the people living in the area shown on the photograph.
- d) i) With evidence from the photograph, describe the problems faced by the people living in the area shown on the photograph.
- ii) Giving reasons for your answer, suggest an area where the photograph could have been taken.

### **SECTION B**

#### **Answer one question from this section**

3. a) Differentiate between igneous rocks and sedimentary rocks.
- b) Explain the processes responsible for the formation of igneous rocks in East Africa
4. To what extent have human activities been responsible for occurrence of landslides in East Africa?
5. Explain the influence of denudation processes on the formation of lakes in East Africa.

### **SECTION C**

#### **Answer one question from this section**

6. Account for the decline of Savannah vegetation cover in East Africa.
7. a) Distinguish between terrestrial radiation and solar radiation.
- b) Describe the conditions that influence the in – coming solar radiation in an area.
8. Discuss the causes and effects of soil erosion in East Africa.

END

## PAPER 2

### WORLD PROBLEMS AND DEVELOPMENT SECTION A

1. Study the table below showing Nigeria's population structure (2012) and answer the questions that follow:

**Table 1 showing Nigeria's population in millions (2012)**

Age Group	Males	Females
80+	0.5	0.5
70-79	1.2	1.3
60-69	2.6	2.6
50-59	2.3	4.0
40-49	6.6	6.8
30-39	10.3	10.1
20-29	14.6	13.9
10-19	19.5	18.6
0-9	27.6	26.1

*Adapted: <http://www.indexmundi.com/nigeria/age-structure.htm>  
CIA World Fact book, as of February 21, 2013*

- Draw a population pyramid to represent the information given in the table.
- Outline the merits of using the statistical method in (a) above.
- Describe the structure of Nigeria's population in 2012.
- Explain the implications of such a population structure on the development of Nigeria.

### SECTION B

- Examine the merits and demerits of plantation farming in either Liberia or Kwazulu-Natal of South Africa.
- Describe the measures being taken to improve the livestock industry in either Botswana or Argentina.
- Account for the development of the forestry industry in either Brazil or Canada.
- Assess the contribution of the fishing industry to the development of either Sweden or Angola.
- To what extent has the availability of power and energy influenced the distribution of industries in either Germany or the USA?
- Account for the development of road transport in either South Africa or Zambia.
- Explain the problems facing the tourism industry in either Kenya or Switzerland.

END

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